

**DETAILED ACTION**

***Response to Amendment***

1. In response to the Amendment received on June 10, 2009, the examiner has carefully considered the amendments.

***Response to Arguments***

2. Applicant's arguments, see Remarks, filed June 10, 2009, with respect to claims 11 and 13 have been fully considered and are persuasive. The rejection of claims 11 and 13 under 35 USC 103(a) as being unpatentable over Holland et al (4,999,869) in view of Kraemer et al (4,039,413) has been withdrawn. The rejection of claims 11 and 13 under 35 USC 103(a) as being unpatentable over Kud et al (4,846,995) in view of Kraemer et al (4,039,413) has been withdrawn. Holland et al and Kud et al differ from the instant invention because they fail to teach using Type II photoinitiators. The secondary reference to Kraemer et al while teaching grafting in the presence of photoinitiators fails to set forth grafting monomer species onto substrates. Kraemer et al sets forth both type I and type II photoinitiators and makes no differentiation between using either type. Kraemer et al provides no motivation to specifically select a type II photoinitiator from the overall teachings disclosed. Therefore Kraemer et al fails to remedy the deficiencies of the primary references to Holland or Kud. Upon further search and consideration the examiner found a reference to Allmer et al which teaches grafting polymers/oligomers onto polymeric substrates using type II photoinitiators; however, Allmer et al fails to teach grafting an ethylenically unsaturated monomer onto a substrate. Additionally, Allmer et al fails to set forth said grafted substrate is useful as a surfactant for use in making emulsions and/or dispersion as is intended with the claimed polymeric surfactant.

***Allowable Subject Matter***

3. Claims 11 and 13 are allowed.

4. The following is an examiner's statement of reasons for allowance: The prior art, alone or in combination, fails to set forth the instantly claimed method for making polymeric surfactants.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sanza L. McClendon whose telephone number is (571) 272-1074. The examiner can normally be reached on Monday through Friday 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Seidleck can be reached on (571) 272-1078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Sanza L. McClendon/  
Primary Examiner  
Art Unit 1796

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